

FIG. 1A

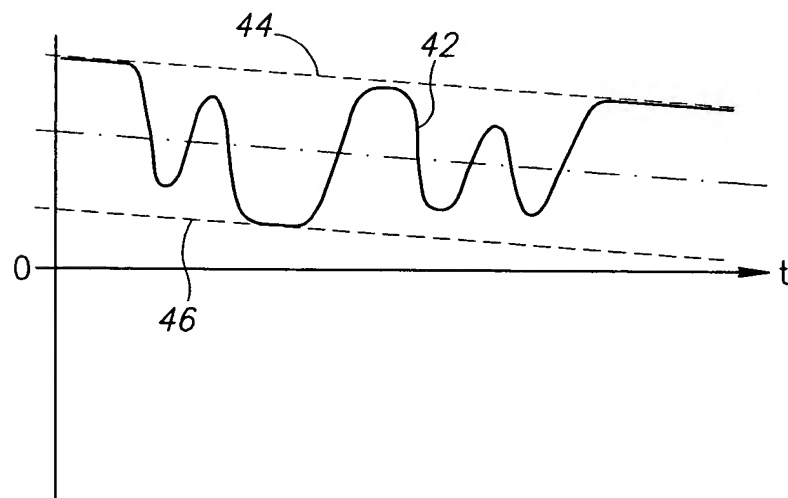


FIG. 1B

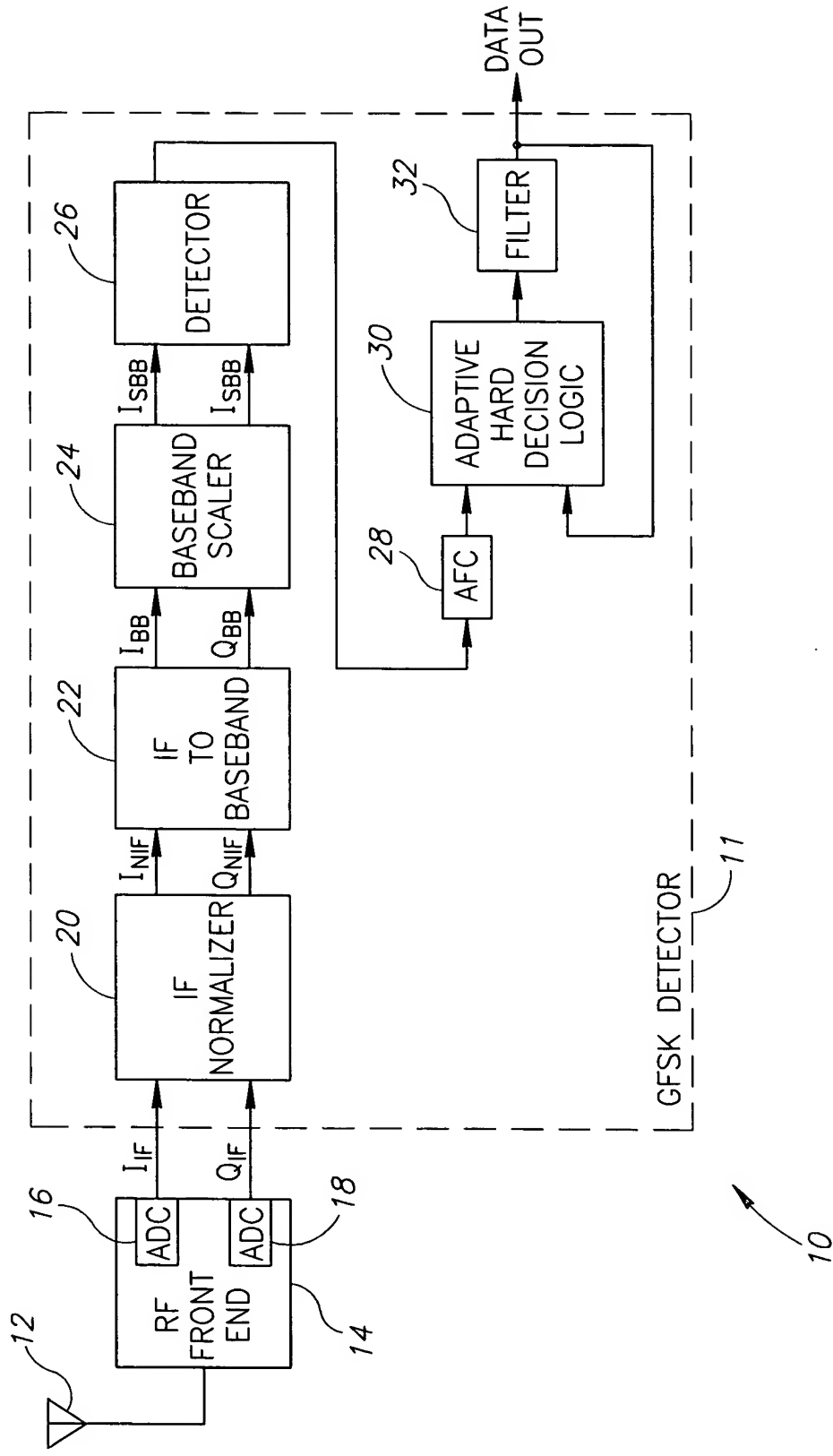


FIG.2

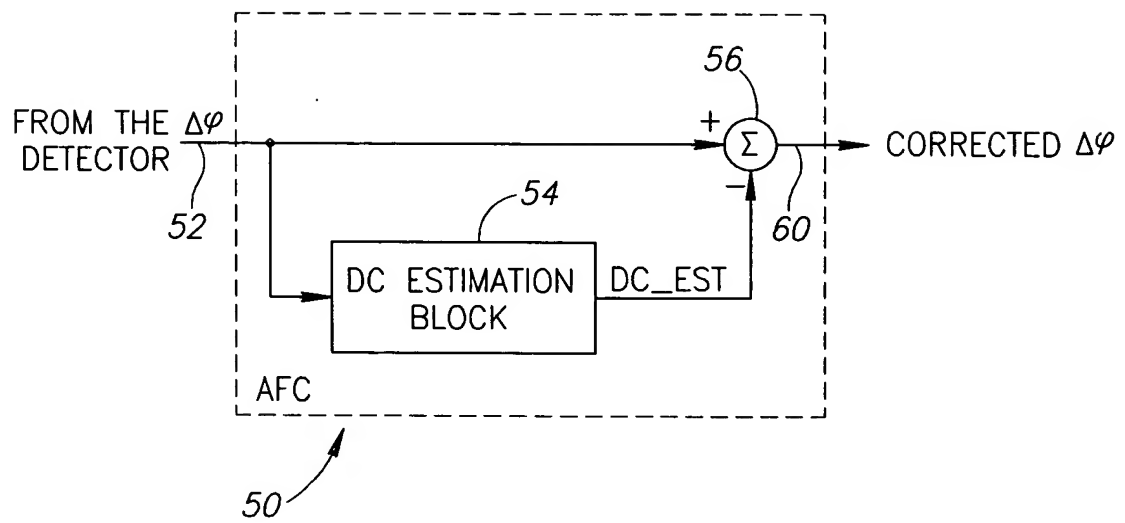


FIG.3

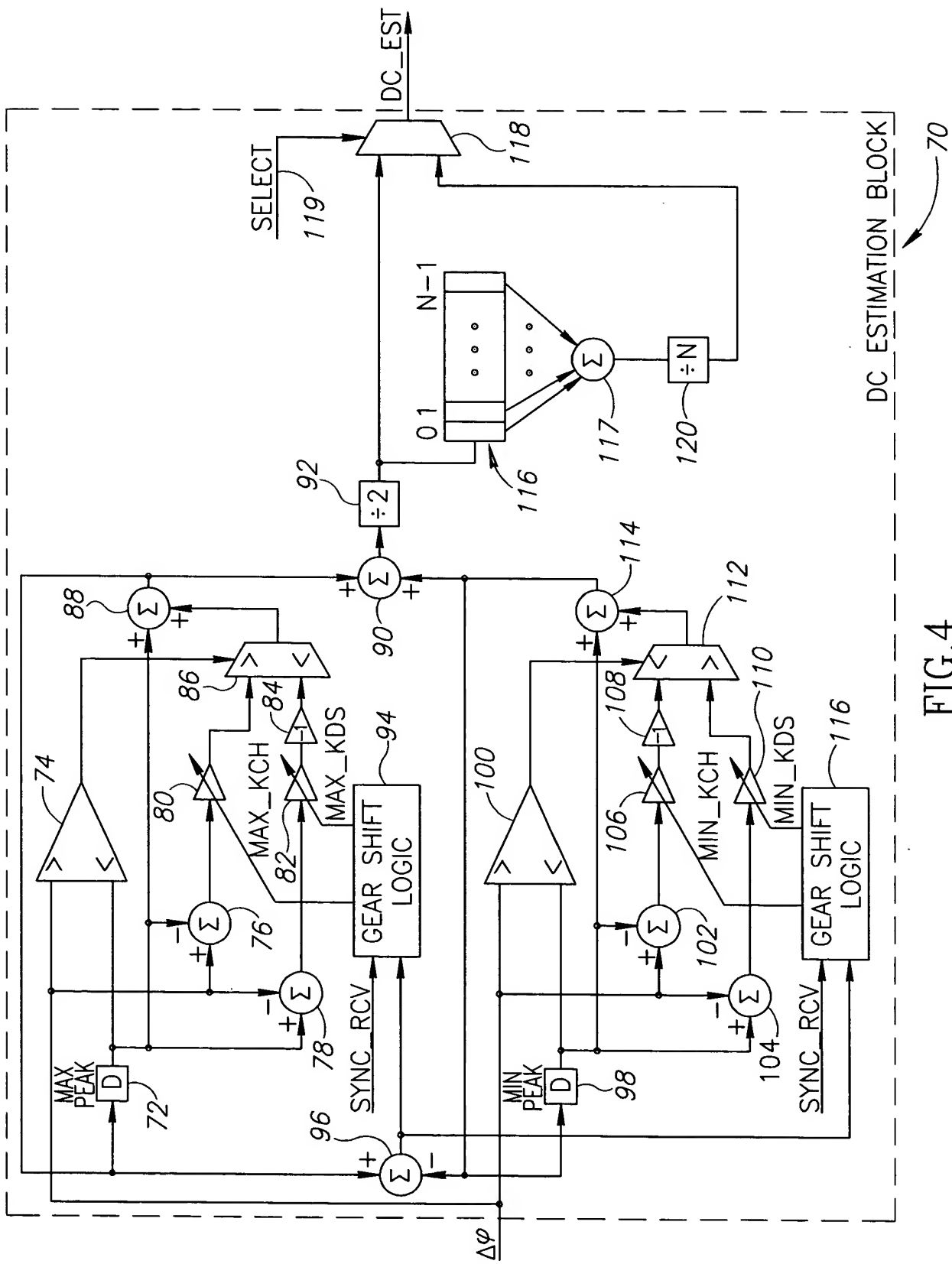


FIG.4

LISTING 1

```
IF AFTER_SYNC
    MAX_KCH =  $2^{-7}$ ;
    MAX_KDS =  $2^{-8}$ ;
    MIN_KCH =  $2^{-7}$ ;
    MIN_KDS =  $2^{-8}$ ;

ELSE
    MAX_KCH =  $2^{-2}$ ;
    MAX_KDS =  $2^{-8}$ ;
    MIN_KCH =  $2^{-2}$ ;
    MIN_KDS =  $2^{-8}$ ;

END
IF (MAX_PEAK(K)-MIN_PEAK(K)) >350
    MAX_KDS =  $2^{-2}$ ;
    MIN_KDS =  $2^{-2}$ ;

ELSEIF (MAX_PEAK(K)-MIN_PEAK(K)) <100
    MAX_KCH =  $2^{-1}$ ;
    MIN_KCH =  $2^{-1}$ ;
```

FIG.5

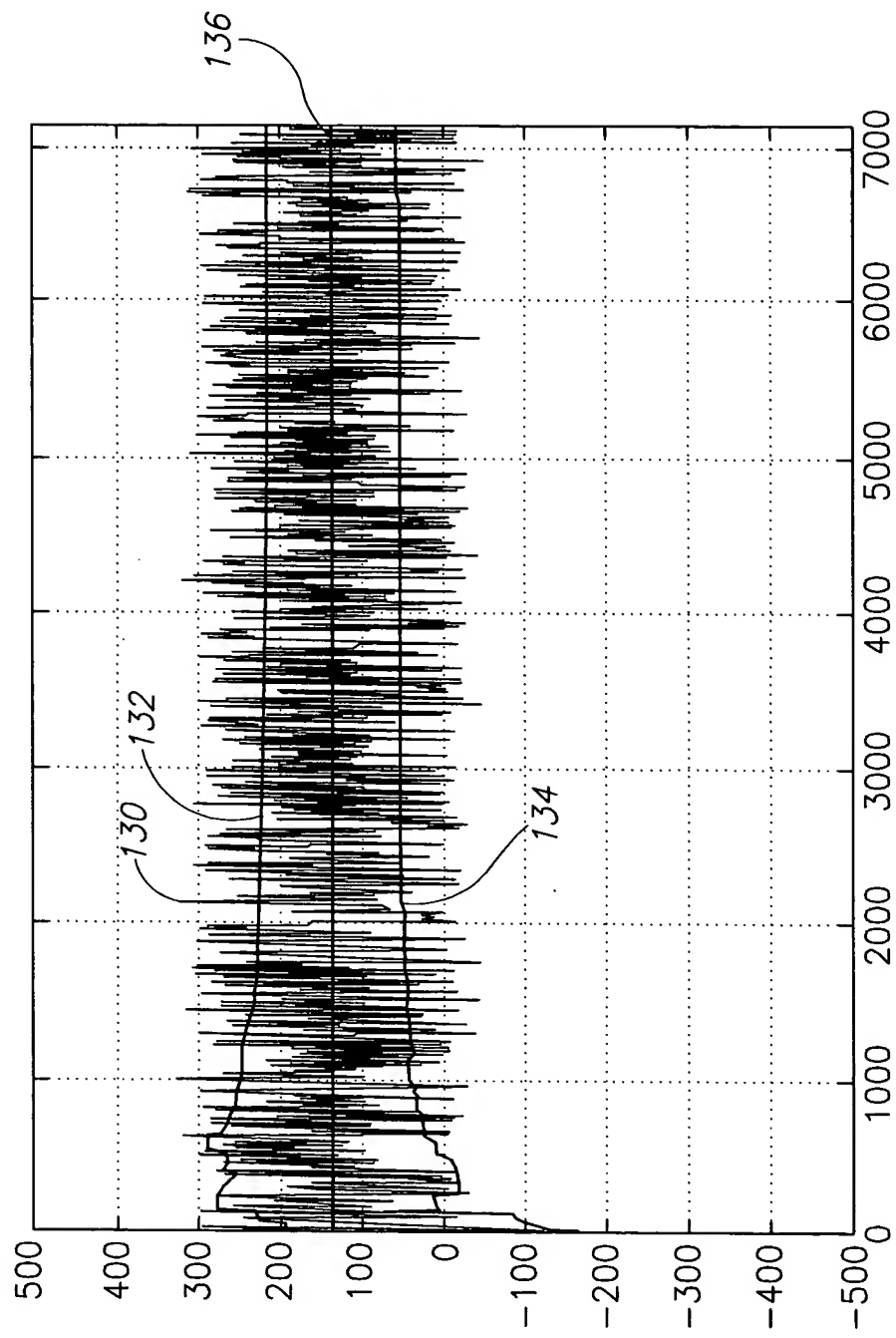


FIG.6

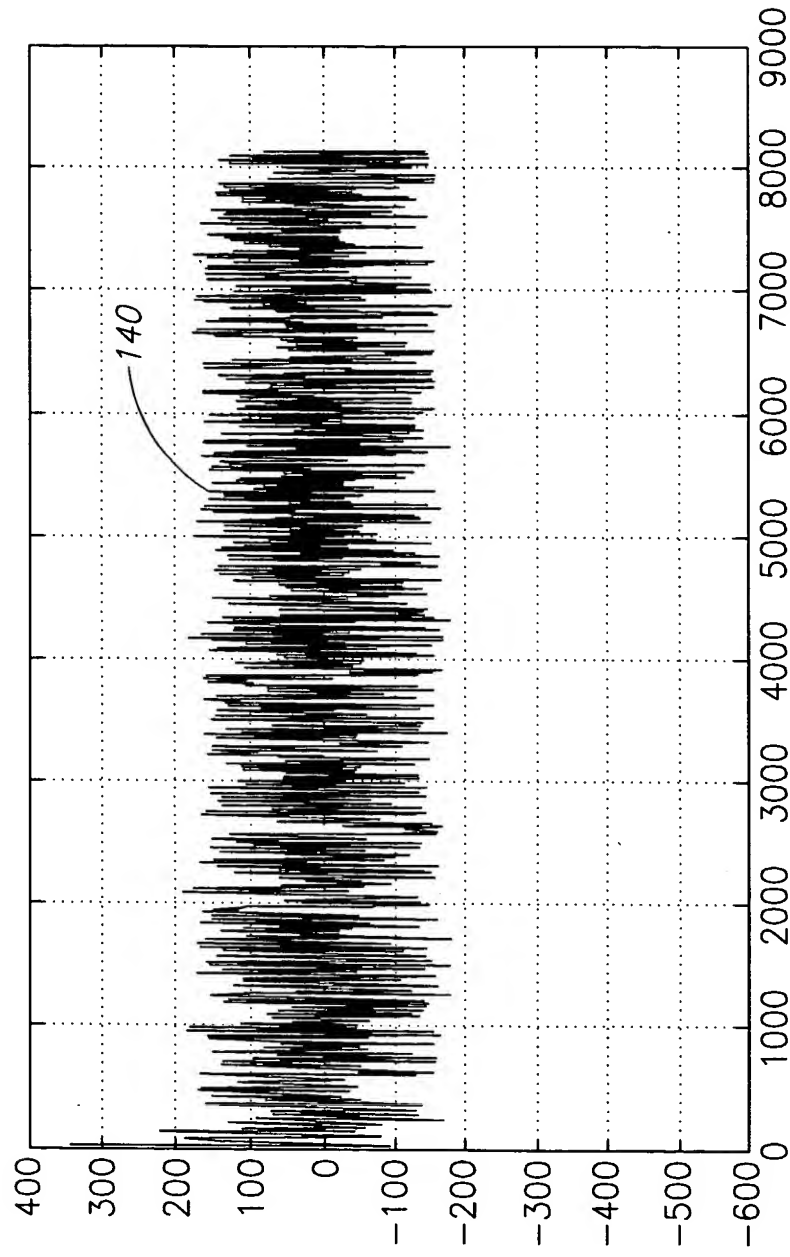


FIG.7